

PTO/SB/08A (10-96) [MODIFIED]

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Substitute for E	orm 1449A/PTO				Complete if Known	PT.
				Application Number	Filed Herewith	S. 84
INFORMATION DISCLOSURE				Filing Date	Filed Herewith	53.⊂
STATEMENT BY APPLICANT			PLICANI	First Named Inventor	David W. Miller et al.	09
				Group Art Unit	Unknown 2125	i
(use as many sheets as necessary)			cessary)	Examiner Name	Unknown S Rao	
Sheet	1	of	2	Attorney Docket Number	99-082-TAP	

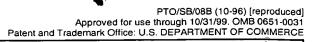
	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	U.S. PATENT DO	OCUMENT Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
90	AA	3,914,562		Bolger	10/21/1975	191/10			
	AB	4,092,554		Quinn	05/30/1978	104/292			
	AC	4,331,225		Bolger	05/25/1982	191/10			
	AD	4,836,344		Bolger	06/06/1989	191/10			
	AE	4,924,171		Baba et al.	05/08/1990	323/347			
	AF	4,942,352		Sano	07/17/1990	320/134			
	AG	5,207,304		Lechner et al.	05/04/1993	191/10			
	AH	5,293,308		Boys et al.	03/08/1994	363/37			
	AI	5,395,199		Day, III et al.	03/07/1995	414/267			
	AJ	5,422,519		Russell	06/06/1995	307/104			
	AK	5,467,718		Shibata et al.	11/21/1995	106/287.24			
	AL	5,528,113		Boys et al.	06/18/1996	318/16			
	AM	5,821,638		Boys et al.	10/13/1998	307/104			
	AN	5,831,841		Nishino	11/03/1998	363/37			
¥	AO	5,855,261		Odachi et al.	01/05/1999	191/10			

	FOREIGN PATENT DOCUMENTS										
			Foreign Patent Do	cument		Date of Publication	Pages, Columns, Lines, Where Relevant Passages or				
Examiner Initials	Cite No.1	Office	<sup>3</sup> Number <sup>4</sup>	Kind Code⁵ ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Relevant Figures Appear	T⁰			

Date Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

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¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Substitute fo	r Form 144	9B/PTO			Cor	mplete if Known			
			NO:	N OCUPE	Application Number	Filed Herewith			
				CLOSURE	Filing Date	Filed Herewith			
SIAH		II BY	AP	PLICANT	First Named Inventor	David W. Miller et al			
					Group Art Unit	Unknown			
	(use as	many she	ets as	necessary)	Examiner Name	Unknown			
Sheet		2	of	2	Attorney Docket Number	99-082-TAP			
OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS									
Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the stem (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published.							T 2		
ES.		AP	Po Ap	wer Supplies for	ANS-CHRISTOPH SKUDELN Robots, IEEE Transac 27. No. 5, September	NY, A New Approach to ctions on Industry c/October 1991,			
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Examiner	APD-	Date Considered	9	28/02	
Signature		Considered	ı		

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Date Mailed:

FORM 1449\*

Sheet 1 of 1

INFORMATION DISCLOSURE STATEMENT	Docket Number: 99-082-TAP	Application Number: 09/535,842
IN AN APPLICATION	Applicant: Miller et al.	
(Use several sheets if necessary)	Filing Date: 3/28/2000	Group Art Unit: 2837 2125

EXAMINER INITIAL         DOCUMENT NO.         DATE         NAME         CLASS         SUBCLASS         FILING DATE IF APPROPRIATE           SUC         4,061,089         12/6/77         Sawyer         IPA         23.2         2           SUC         5,646,917         7/8/97         Miyoshi et al.         369         30.34         30.34           FOREIGN PATENT DOCUMENTS           DOCUMENT NO.         DATE         COUNTRY         CLASS         SUBCLASS         TRANSLATION           YES         NO           42 36 340         05 May 1994         EPO				U.S. PATENT DOCUMEN	ITS	•			
### 5,646,917 7/8/97 Miyoshi et al. 369 30.34    FOREIGN PATENT DOCUMENTS	EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS			
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)			THE DOCUMEN	· · · · · · · · · · · · · · · · · · ·		<u></u>			
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